



ITMO UNIVERSITY

# ITMO Template Example

First A.<sup>1</sup>    Second A.<sup>2</sup>

<sup>1</sup>Faculty/Department  
ITMO University

<sup>2</sup>Faculty/Department  
ITMO University

Date  
Ocasion

## 1. Mathematics

### 1.1 Theorem

### 1.2 Example

## 2. Highlighting

## 3. Lists

## 4. Effects

## Theorem 1

For a prime  $p$  and  $a \in \mathbb{Z}$  it holds that  $a^p \equiv a \pmod{p}$ .

## Proof.

The invertible elements in a field form a group under multiplication. In particular, the elements

$$1, 2, \dots, p-1 \in \mathbb{Z}_p$$

form a group under multiplication modulo  $p$ . This is a group of order  $p-1$ . For  $a \in \mathbb{Z}_p$  and  $a \neq 0$  we thus get  $a^{p-1} = 1 \in \mathbb{Z}_p$ . The claim follows.  $\square$

## Example 1

The function  $\phi: \mathbb{R} \rightarrow \mathbb{R}$  given by  $\phi(x) = 2x$  is continuous at the point  $x = \alpha$ , because if  $\epsilon > 0$  and  $x \in \mathbb{R}$  is such that  $|x - \alpha| < \delta = \frac{\epsilon}{2}$ , then

$$|\phi(x) - \phi(\alpha)| = 2|x - \alpha| < 2\delta = \epsilon.$$

Sometimes it is useful to **highlight** certain words in the text.

Important

If a lot of text should be **highlighted**, it is a good idea to put it in a box.

It is easy to match the **colour theme**.

1

Fancy lists are marked with a number inside a circle.

1

Color changes by parameter [color=ITMOMango].

► Bullet lists are marked with a red box.

1. Numbered lists are marked with a white number inside a red box.

1. Effects that control
2. when text is displayed
3. are specified with  $\langle \rangle$  and a list of slides.

## Theorem 2

This theorem is only visible on slide number 2.

Use textblock for arbitrary placement of objects.

It creates a box with the specified width (here in a percentage of the slide's width) and upper left corner at the specified coordinate (x, y) (here x is a percentage of width and y a percentage of height).

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